| Index of | Claims |
|----------|--------|
| | |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|-----------------------------------------|
| 10/004,301 | FREY ET AL. |
| Examiner | Art Unit |
| David G. Cervetti | 2136 |

| / | Rejected | - | (Through numeral) Cancelled |
|----|----------|---|--------------------------------|
| 11 | Allowed | ÷ | Restricted |

| N | Non-Elected | Α | Appeal |
|---|--------------|---|----------|
| 1 | Interference | 0 | Objected |

| Claim | n Date | | | | | | | Cla | im | | | | D | ate | | | | | l | Cla | im | | | | D | ate | | | _ | | |
|-------|---------|--------|----------|----------|--------------|-----------------------------------------|-----------------|----------|------|-------|----------|---------------|-----------|----------|----------|----------|----------|----------|--------------|--------------|-----|----------|----------|----------|--------------------------------------------------|-----------|----------|-------------|----------------|-----------|---|
| Final | 3/11/05 | | | | | | | | | rınaı | Original | | | | | | | | | | | Final | Original | | | | | | | | |
| 1 | 1 | | | | | | | | | | 51 | | | | | | | | | | | | 101 | \Box | | | | \Box | \Box | \Box | _ |
| 2 | 1 | | | | | | | I | | | 52 | | | | | | | | | | | | 102 | | | \perp | | | \perp | \perp | |
| 3 | 1 | | | | | | | | | | 53 | | | | | | | | | | Į | | 103 | | | | | \perp | | \perp | _ |
| 4 | 1 | | | | | | | | | | 54 | | | | \perp | | \perp | _ | | 凵 | | | 104 | | _ | | \perp | \dashv | \dashv | 4 | _ |
| 5 | 1 | | | | | | | | L | | 55 | | | | | | | | | | - 1 | | 105 | | | | | \perp | \perp | \perp | _ |
| 6 | 1 | | | | | | | | | | 56 | | | | | | | | | | | | 106 | | | | | \perp | \perp | \perp | _ |
| 7 | 1 | | | \Box | | | | | | | 57 | | | | | | | | | | | | 107 | | | | | \perp | \bot | \perp | _ |
| 8 | 1 | | | | | | | | | | 58 | | | | | | | | | | | | 108 | | | | _ | | \perp | \perp | |
| 9 | 1 | П | | | \Box | | | | | | 59 | | | | | | | | _,_ | | | | 109 | | | | | | | \perp | _ |
| 10 | 1 | П | | | П | | | | | | 60 | | \Box | | | | | | • | Ì | | | 110 | | | | | | | | |
| 11 | 1 | | | | | | | | [| | 61 | | | | | | | | | | | | 111 | | | | | | | | |
| 12 | 1 | П | | | | | \neg | | | | 62 | | | П | | | | | | | | | 112 | | | | | | | | |
| 13 | | \Box | | | | | \neg | | 1 [| | 63 | | | | T | | | | | | | | 113 | | | | | | | | |
| 14 | | | | | | | | | 1 | | 64 | | | \neg | \neg | | | | | | | | 114 | | | | | | | | |
| 15 | | | | | | | | | | | 65 | | | | | | | | | | | | 115 | | | | | | | | Ī |
| 16 | 1 | 1 | | | | | | | | | 66 | | | | | | | | | | | | 116 | | | | | \Box | \Box | \Box | |
| 17 | | | | | | | | | lΓ | | 67 | П | | | | Ī | | | | | ! | | 117 | | | | | \Box | | | |
| 18 | | \top | | | | | | | - | _ | 68 | | | \neg | | | | | | | | | 118 | | | . | | П | $\neg \top$ | | _ |
| 19 | | | | | | | 7 | | 1 | | 69 | | \exists | | | T | Ī | | | | | | 119 | | | | | | | П | |
| 20 | | | | | | | \neg | | 1 | | 70 | П | | | \Box | | | | | | | i | 120 | | \neg | | \neg | \neg | \neg | \neg | _ |
| 21 | | | | | | | 一 | | 1 | | 71 | | | | | | | | | | | | 121 | | | | | T | \neg | | _ |
| 22 | | | | | | | \dashv | | 1 | | 72 | | \neg | \dashv | ヿ | | | | | | | | 122 | | | | | | ヿ | \neg | _ |
| 23 | | | _ | | П | | ヿ | \neg | 1 | | 73 | П | | | | | | | | | | | 123 | | | | T | | \neg | T | _ |
| 24 | | ╁ | _ | | Н | | - | | 1 - | | 74 | П | | | \neg | \neg | ヿ | _ | | | | | 124 | | | | | | 寸 | \neg | _ |
| 25 | | | - | | Н | \vdash | _ | | | | 75 | Н | \neg | | \neg | | | | | | | | 125 | | | | \neg | \neg | ヿ | \exists | _ |
| 26 | | | | | Н | Ħ | $\neg \dagger$ | | 1 | | 76 | | \neg | | T | | | | | | | | 126 | | | \Box | \neg | \neg | \neg | | _ |
| 27 | | 1 | | _ | Н | \Box | | | 1 | | 77 | | | _ | \neg | | \neg | | \vdash | | | | 127 | | | | | \neg | \neg | ヿ | _ |
| 28 | | | | | Н | \vdash | | \dashv | 1 - | | 78 | H | 寸 | 一 | _ | _ | | | \vdash | - | | | 128 | | | \neg | \neg | \neg | 寸 | ヿ | _ |
| 29 | V | ╁ | _ | Н | \vdash | | | | 1 | | 79 | 1 | \neg | 寸 | • | | | | | | | | 129 | | | | | \neg | ╅ | \neg | _ |
| 30 | | | - | Н | Н | \vdash | | _ | 1 - | _ | 80 | | \neg | 一 | _ | | | | Т | | | - | 130 | | | | 一 | | | 1 | _ |
| 31 | | | Н | - | Н | | - | + | 1 - | | 81 | \Box | \exists | \dashv | | | | | \vdash | | | | 131 | | | | | 寸 | \neg | ヿ | _ |
| 32 | 1 | + | | - | | \vdash | | | 1 | | 82 | | | \dashv | \dashv | | | _ | \vdash | Н | | | 132 | | | | _ | _ | _ | 寸 | _ |
| 33 | | | - | | Н | \vdash | | | 1 - | _ | 83 | | \dashv | _ | \dashv | | | _ | | | | | 133 | | | | _ | \neg | $\neg \dagger$ | ┪ | Γ |
| 34 | | | - | Н | Н | | | | 1 - | _ | 84 | Н | \dashv | \dashv | - | | | _ | \vdash | - | | <u> </u> | 134 | | Н | \vdash | _ | ヿ | \dashv | ヿ | |
| 35 | 1 | + | H | | \vdash | | 1 | | ╁┝ | | 85 | \vdash | - | \dashv | \neg | _ | | | | | | | 135 | Н | | \exists | | $\neg \neg$ | \neg | \dashv | _ |
| 36 | | | \vdash | | | \vdash | - | | ┧┝ | | 86 | | | \dashv | 一 | _ | \vdash | | | | | - | 136 | | | | \dashv | 一 | \dashv | \neg | Г |
| 37 | | | | - | - | Н | \dashv | | ┧┝ | | 87 | 1 | | \dashv | \dashv | | | | | \vdash | | <u> </u> | 137 | - | Н | | | \dashv | \dashv | _ | _ |
| 38 | | | - | \vdash | \vdash | - | | + | ┧┝╌ | | 88 | \vdash | | | | | \vdash | _ | - | | | \vdash | 138 | | - | Н | \dashv | \dashv | \dashv | \dashv | _ |
| 39 | | | - | H | \vdash | | | \dashv | ┨ ├─ | | 89 | Н | | | - | _ | \neg | | \vdash | | | - | 139 | _ | _ | | | \exists | \dashv | _ | Γ |
| 40 | | | \vdash | \vdash | - | \vdash | \vdash | | 1 - | | 90 | \vdash | - | | - | | \vdash | _ | - | _ | | - | 140 | - | _ | Н | | \dashv | | \dashv | Γ |
| 41 | | + | ├ | H | | | | | ┨ ├- | | 91 | \vdash | \vdash | \dashv | | | \vdash | _ | \vdash | | | | 141 | \vdash | | Н | | \dashv | \neg | + | Γ |
| 42 | 1 | + | H | - | - | H | \dashv | | ┨ | | 92 | \vdash | - | | _ | _ | \vdash | | - | | | | 142 | | | Н | | \dashv | - | \dashv | Г |
| 43 | | | - | - | \vdash | - | \vdash | | ┧┝ | | 93 | + | | | - | | | | | ┢ | l | | 143 | - | | - | | \vdash | \vdash | \dashv | Γ |
| 43 | | | - | _ | ⊢ | Н | \vdash | | ┨┞ | | 94 | +- | \vdash | | | | - | | ⊢ | ┢ | ł | <u> </u> | 144 | \vdash | \vdash | Н | | \vdash | \vdash | \dashv | r |
| 45 | | | - | - | H | \vdash | | | ┨ ├- | _ | 95 | \vdash | _ | - | _ | _ | | _ | \vdash | | | - | 145 | - | | H | - | | | \dashv | ۲ |
| 46 | 1 | | \vdash | - | | \vdash | | | ┨┞ | _ | 96 | 1 | \vdash | \vdash | \vdash | | \vdash | \vdash | ⊢. | \vdash | | - | 146 | | \vdash | Н | | | - | - | r |
| 47 | | | ├— | \vdash | \vdash | | $\vdash \vdash$ | \dashv | ┨┝ | | 97 | \vdash | \vdash | | - | \vdash | \vdash | \vdash | \vdash | | | \vdash | 147 | | | - | _ | | | \dashv | r |
| 48 | | | \vdash | ├- | - | \vdash | $\vdash \vdash$ | | ┨┞ | | 98 | - | | | | \vdash | \vdash | - | - | \vdash | | <u> </u> | 148 | - | - | H | \vdash | \vdash | \dashv | \dashv | H |
| 45 | | +- | \vdash | \vdash | | \vdash | ┝╌┤ | - | ┥ ├- | | 99 | \vdash | - | \vdash | - | \vdash | \vdash | H | \vdash | - | | | 149 | \vdash | \vdash | \vdash | | | - | \dashv | H |
| | | + | - | \vdash | - | H | \vdash | | ┨┝ | | 100 | +- | _ | \vdash | | \vdash | \vdash | \vdash | | \vdash | 1 | <u> </u> | 150 | \vdash | | \vdash | <u> </u> | Н | \vdash | \dashv | H |
| 50 | L | | | <u></u> | | لــــــــــــــــــــــــــــــــــــــ | | | JL | | LIVU | 1 | | لـــا | | Ц | | L | | | J | L | 1 100 | <u> </u> | ــــــــــــــــــــــــــــــــــــــ | ــــا | L . | لــا | | _ | L |